Adaptive Planning and Joint Capability Areas

...capabilities-based planning today!

The overall classification of this briefing is **UNCLASSIFIED**

Lt Col Tom Jaeger
Branch Chief ECJ5-Plans
15/16 March 2006

Overview

- Joint Operation Example: Airbase Opening
- Joint Capability Areas: Planning Application
- Collaborative Force Analysis, Sustainment, and Transportation System (CFAST) Capabilities-Based Force Modules
- Way Ahead

AIRBASE
OPENING

Tallil Airbase

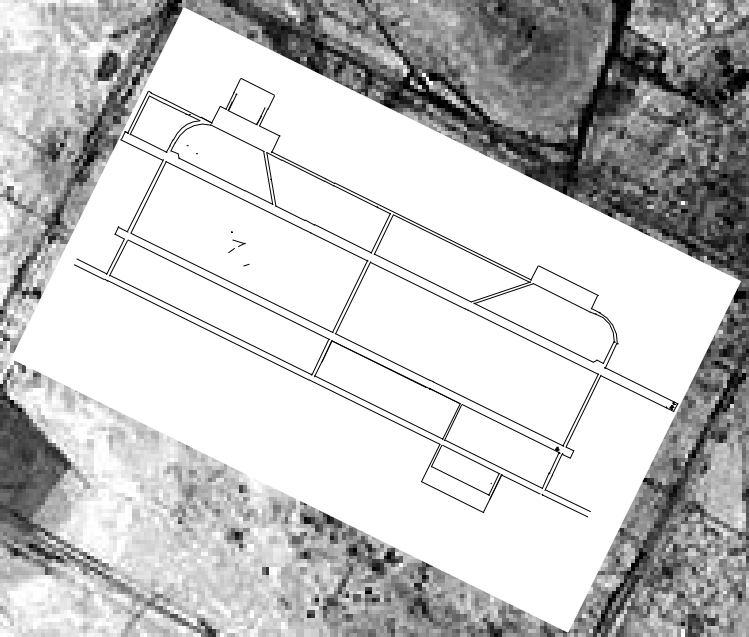
- Iraqi Air Force base
  - Located in southern no-fly zone near An Nasiriyah
  - Denied but not cratered
  - Joint Operation
- Transitioned from non-operational Iraqi airfield to an operational US airfield
  - Airfield seizure (3 ID)
  - Airfield assessment
  - C2 forces
  - AEG (A-10s)

1500
meters
0
1500
N
TALLIL AIRBASE
UNCLASSIFIED

22 Mar

Seizure

AT crosses Iraqi border in Army convoy



TALLIL AIRBASE

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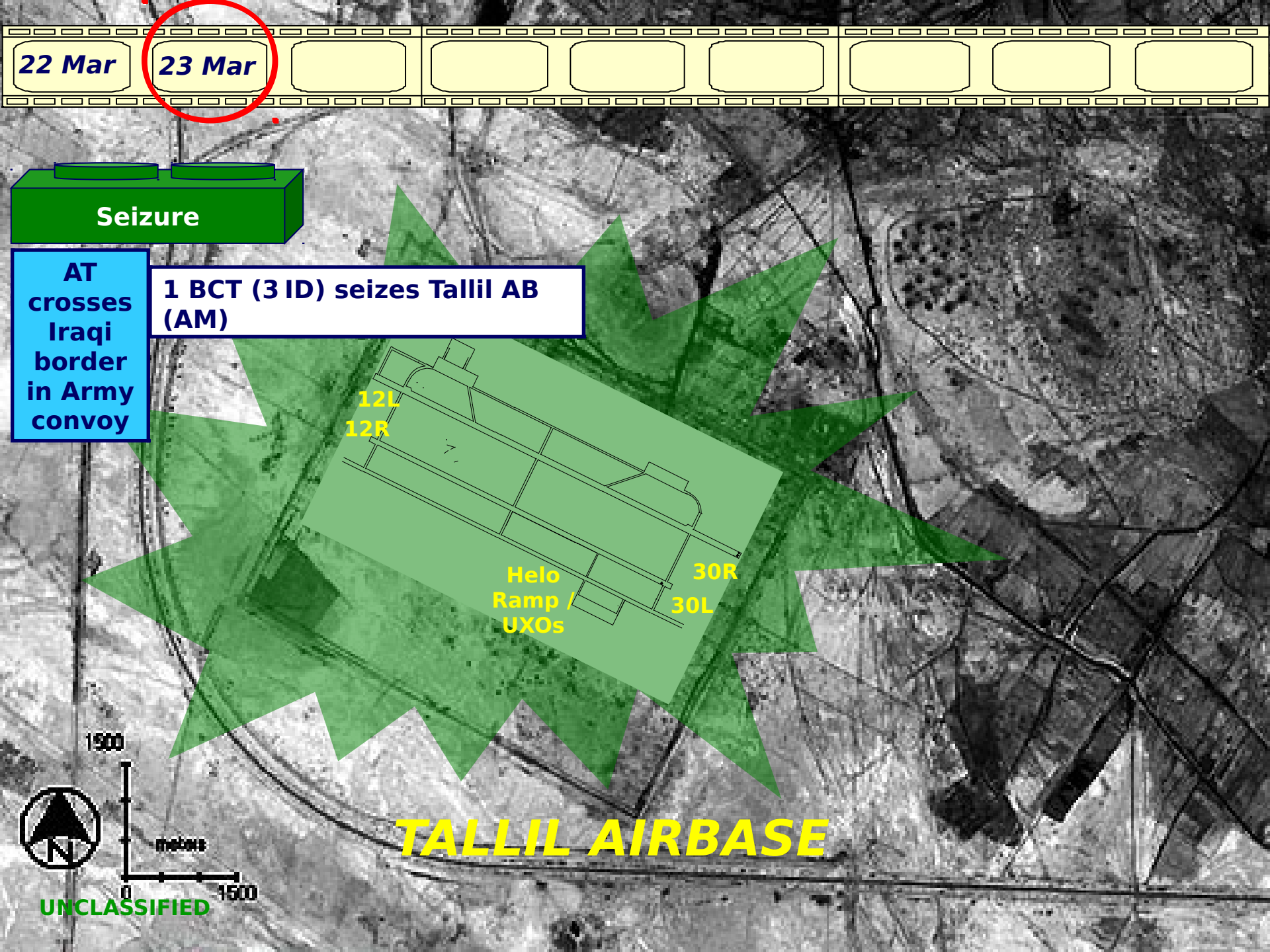
UNCLASSIFIED


22 Mar
23 Mar
Seizure
AT crosses Iraqi border in Army convoy
1 BCT (3 ID) seizes Tallil AB (AM)
12L
12R
Helo Ramp / UXOs
30R
30L
TALLIL AIRBASE
1500
meters
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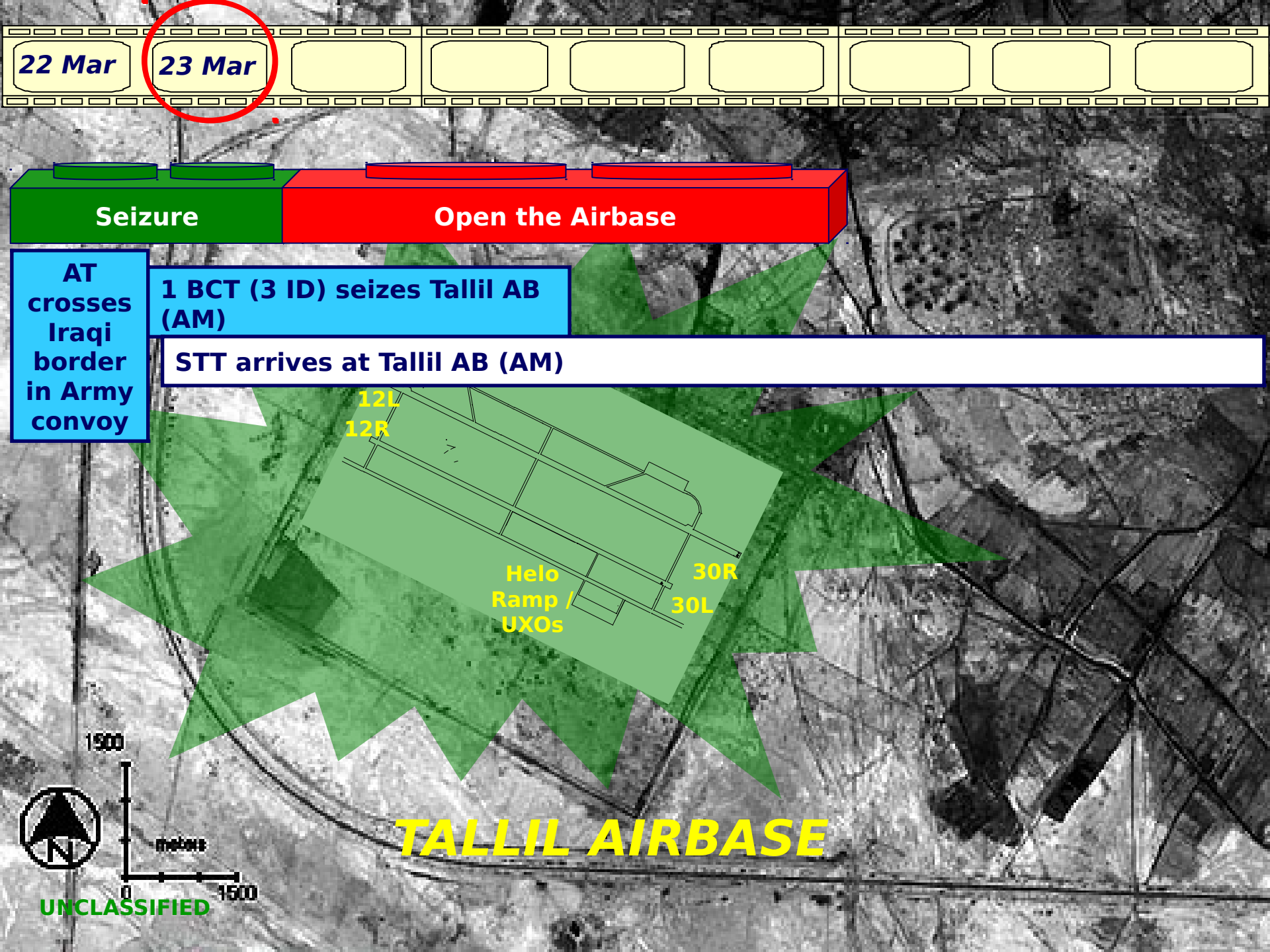
1500
UNCLASSIFIED


22 Mar
23 Mar
Seizure
Open the Airbase
AT crosses Iraqi border in Army convoy
1 BCT (3 ID) seizes Tallil AB (AM)
STT arrives at Tallil AB (AM)
12L
12R
Helo Ramp / UXOs
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30L
TALLIL AIRBASE
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meters
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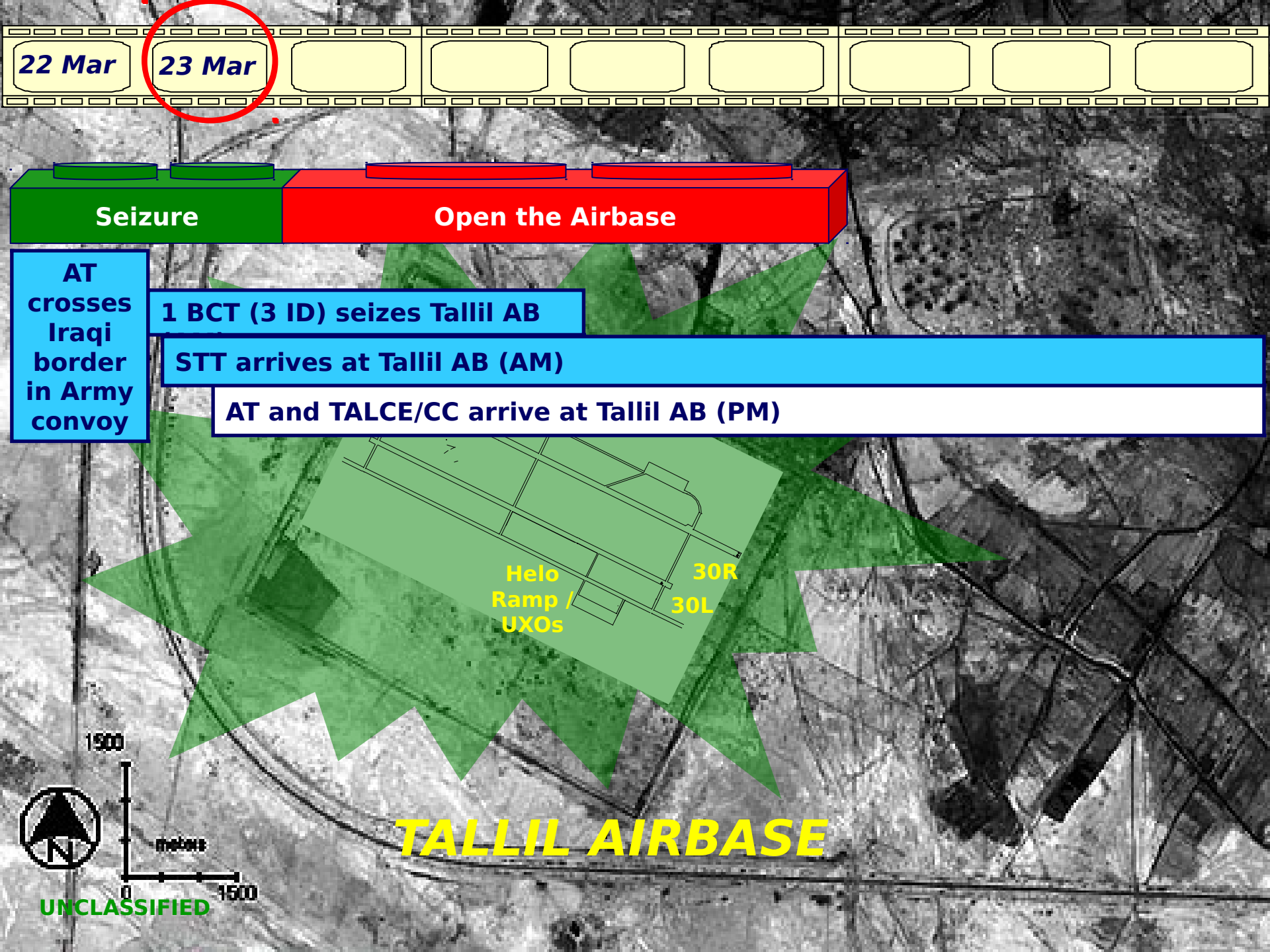
UNCLASSIFIED


22 Mar
23 Mar
Seizure
Open the Airbase
AT crosses Iraqi border in Army convoy
1 BCT (3 ID) seizes Tallil AB
STT arrives at Tallil AB (AM)
AT and TALCE/CC arrive at Tallil AB (PM)
Helo Ramp / UXOs
30R
30L
1500
meters
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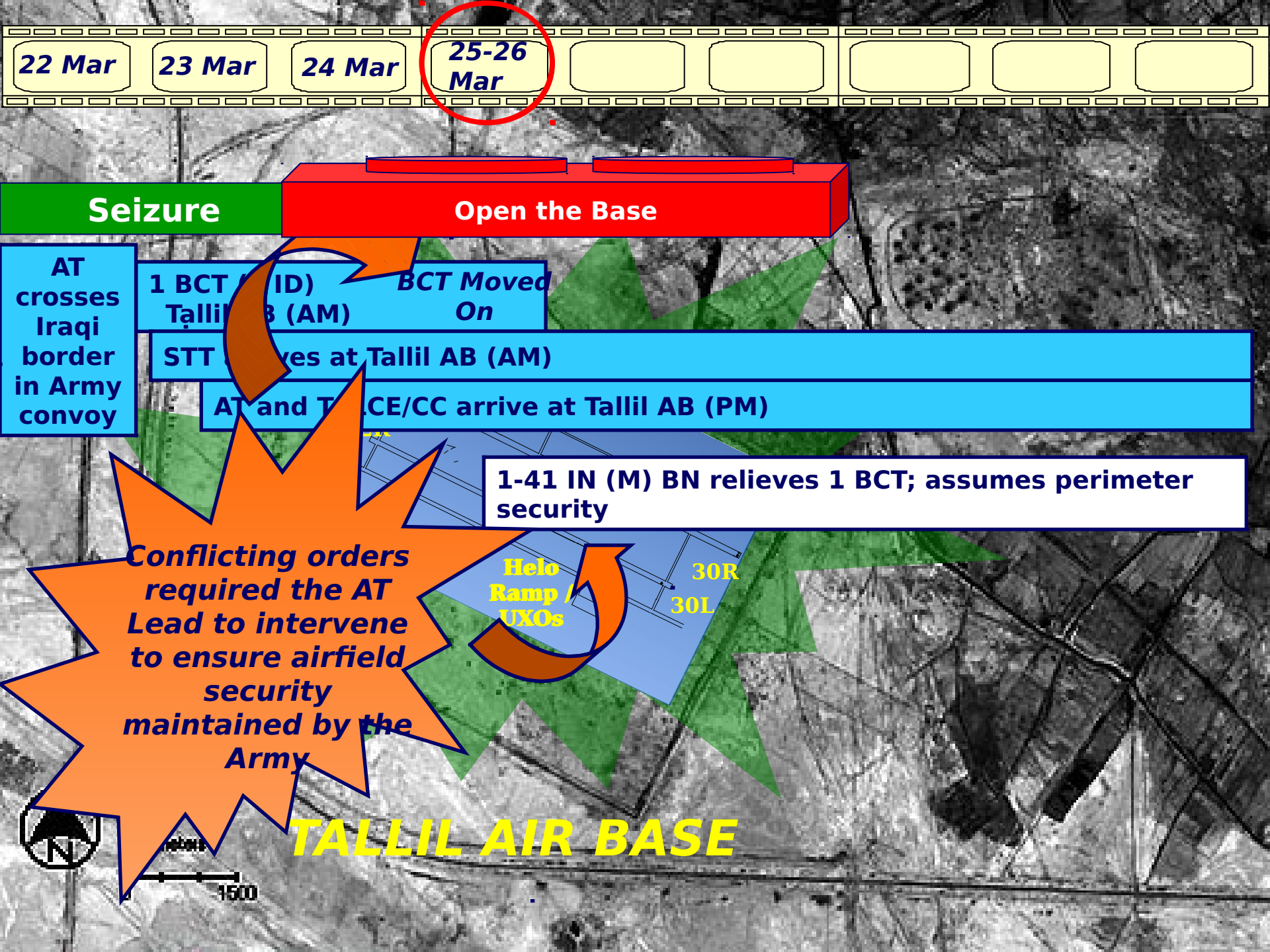
1500
N
TALLIL AIRBASE
UNCLASSIFIED


22 Mar
23 Mar
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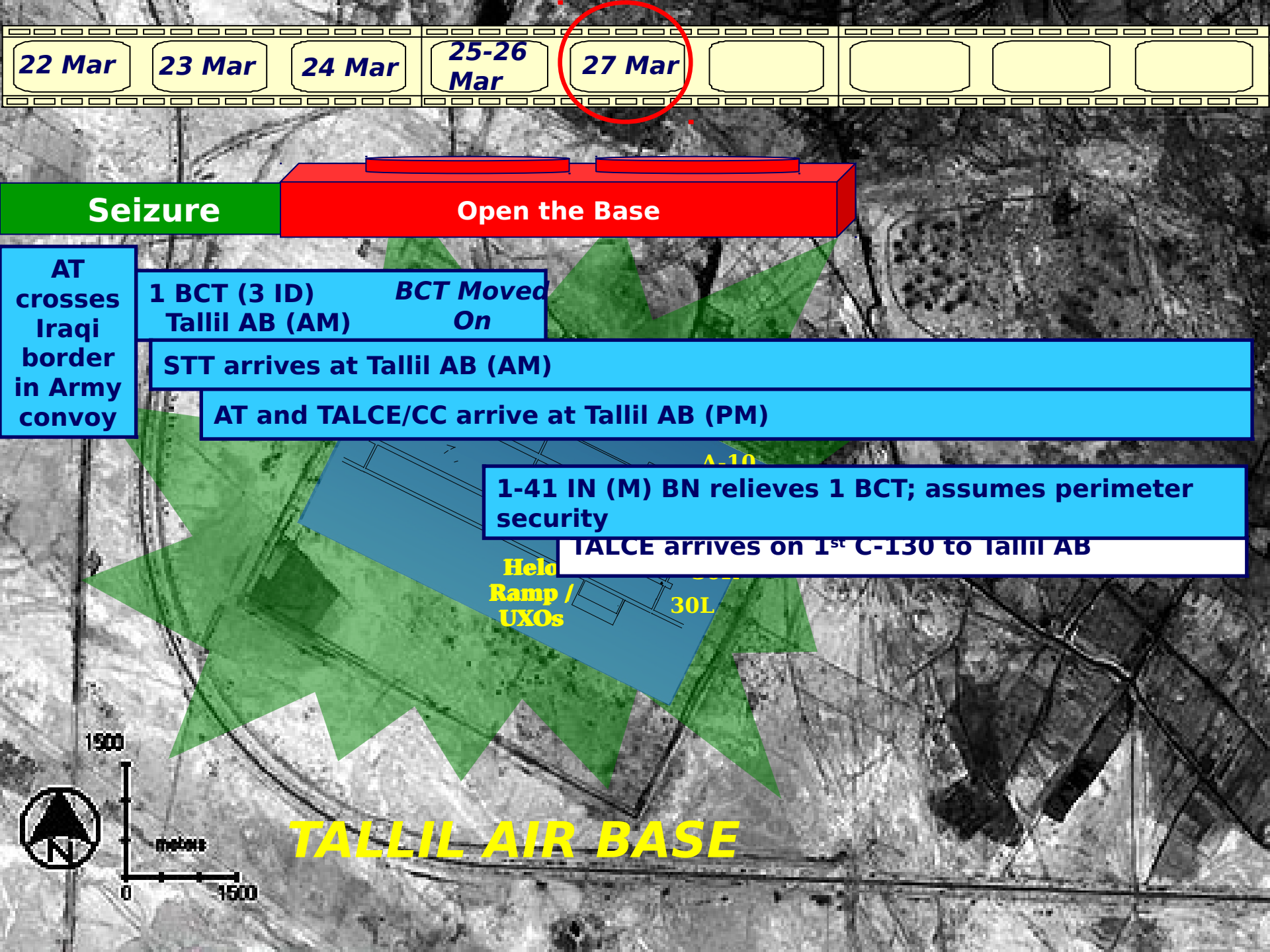
25-26 Mar
Seizure
Open the Base
AT crosses Iraqi border in Army convoy
1 BCT (ID) Talli 3 (AM)
BCT Moved On
STT ves at Tallil AB (AM)
AT and T CE/CC arrive at Tallil AB (PM)
1-41 IN (M) BN relieves 1 BCT; assumes perimeter security
Conflicting orders required the AT Lead to intervene to ensure airfield security maintained by the Army
Helo Ramp / UXOs
30R
30L
TALLIL AIR BASE
N
1500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25-26 Mar
27 Mar
Seizure
Open the Base
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BCT Moved On
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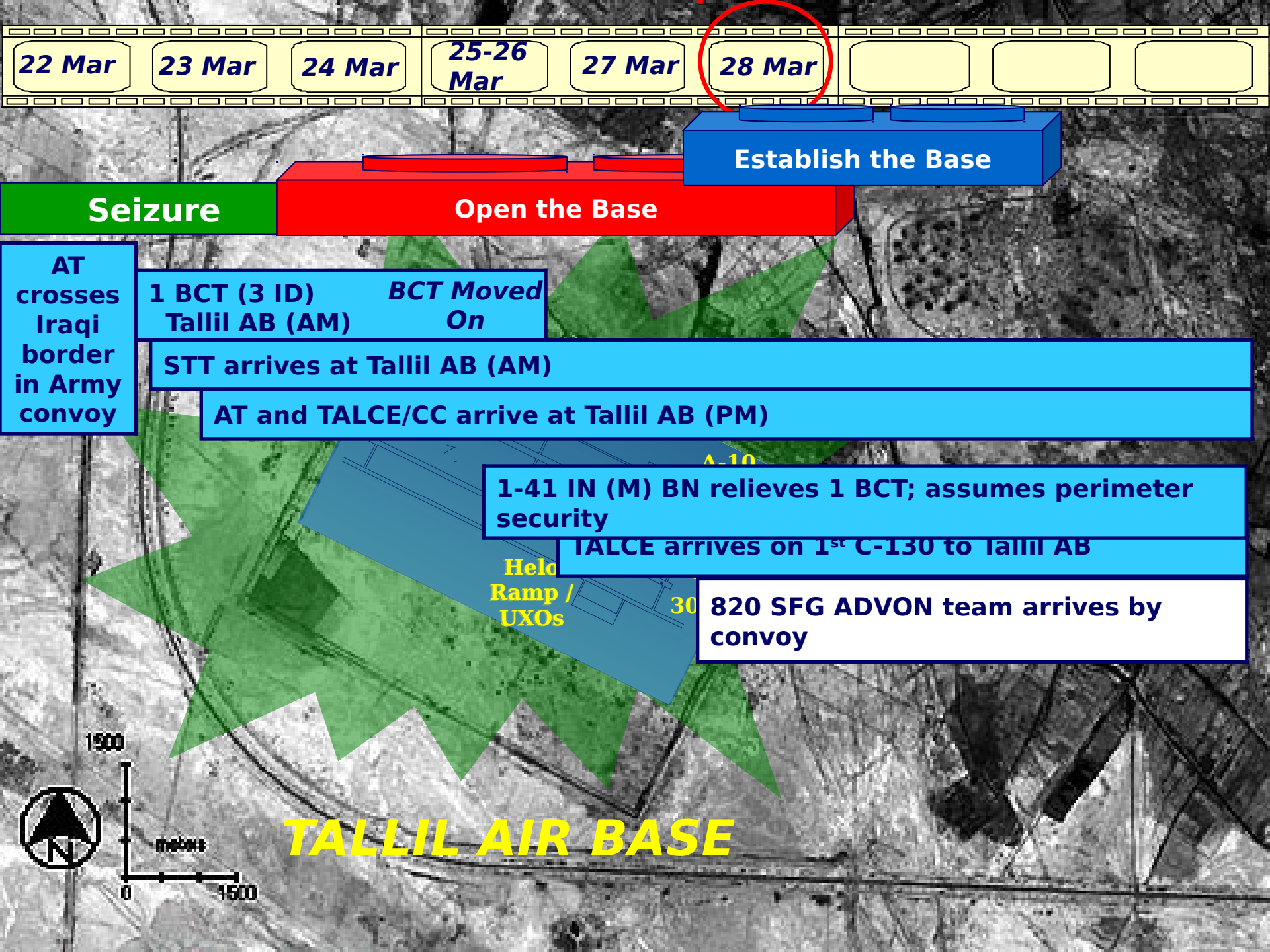
AT and TALCE/CC arrive at Tallil AB (PM)
1-41 IN (M) BN relieves 1 BCT; assumes perimeter security
TALCE arrives on 1st C-130 to Tallil AB
Helo Ramp / UXOs
30L
1500
meters
0
1500
TALLIL AIR BASE


22 Mar
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25-26 Mar
27 Mar
28 Mar
Establish the Base
Seizure
Open the Base
AT crosses Iraqi border in Army convoy
1 BCT (3 ID) Tallil AB (AM)
BCT Moved On
STT arrives at Tallil AB (AM)
AT and TALCE/CC arrive at Tallil AB (PM)
1-41 IN (M) BN relieves 1 BCT; assumes perimeter security
TALCE arrives on 1st C-130 to Tallil AB
820 SFG ADVON team arrives by convoy
Helo Ramp / UXOs
A-10
30
1500
meters
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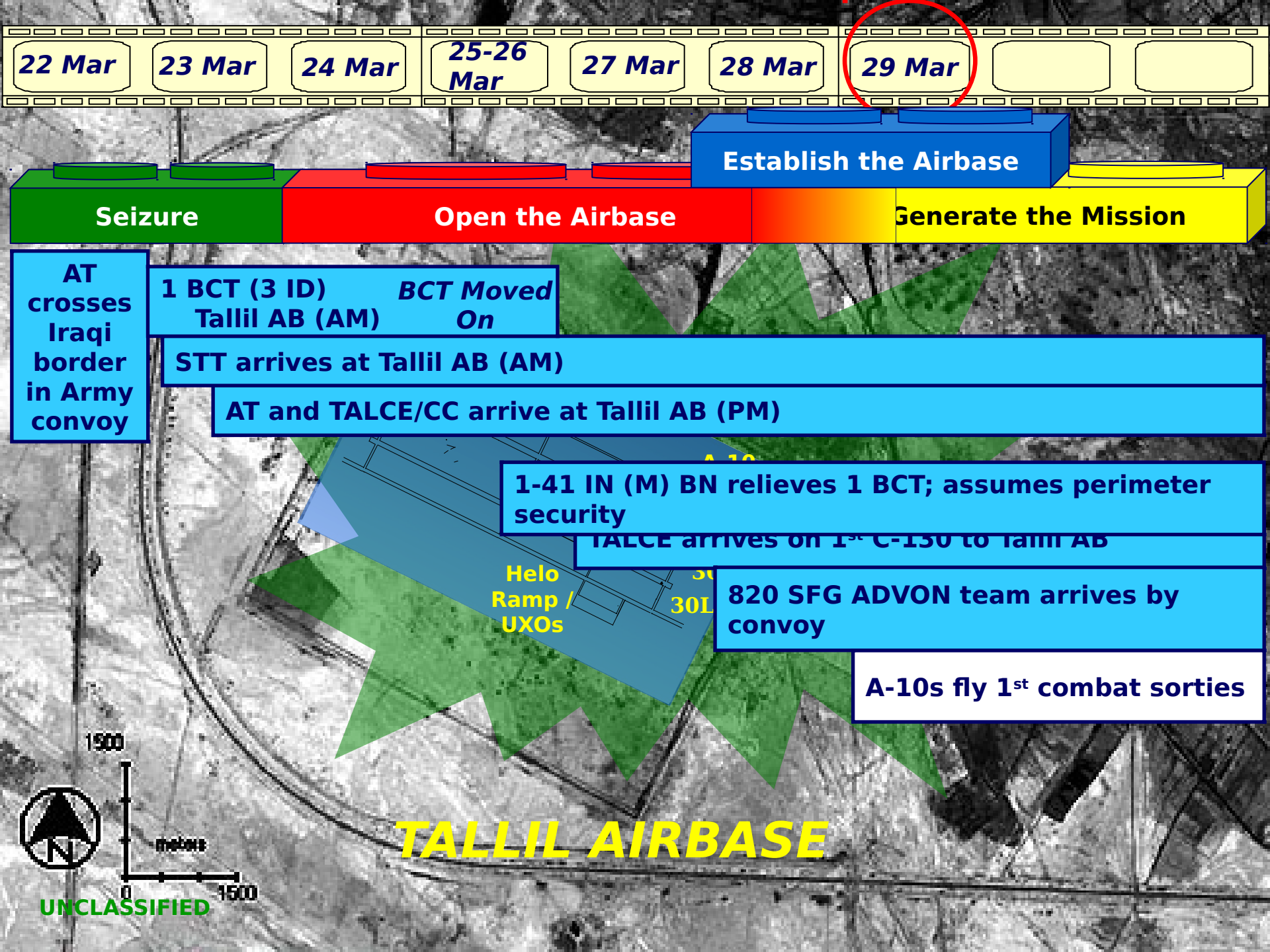
1500
N
TALLIL AIR BASE


22 Mar
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24 Mar
25-26 Mar
27 Mar
28 Mar
29 Mar
Establish the Airbase
Seizure
Open the Airbase
Generate the Mission
AT crosses Iraqi border in Army convoy
1 BCT (3 ID) Tallil AB (AM)
BCT Moved On
STT arrives at Tallil AB (AM)
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Helo Ramp / UXOs
30L
820 SFG ADVON team arrives by convoy
A-10s fly 1st combat sorties
TALLIL AIRBASE
1500
meters
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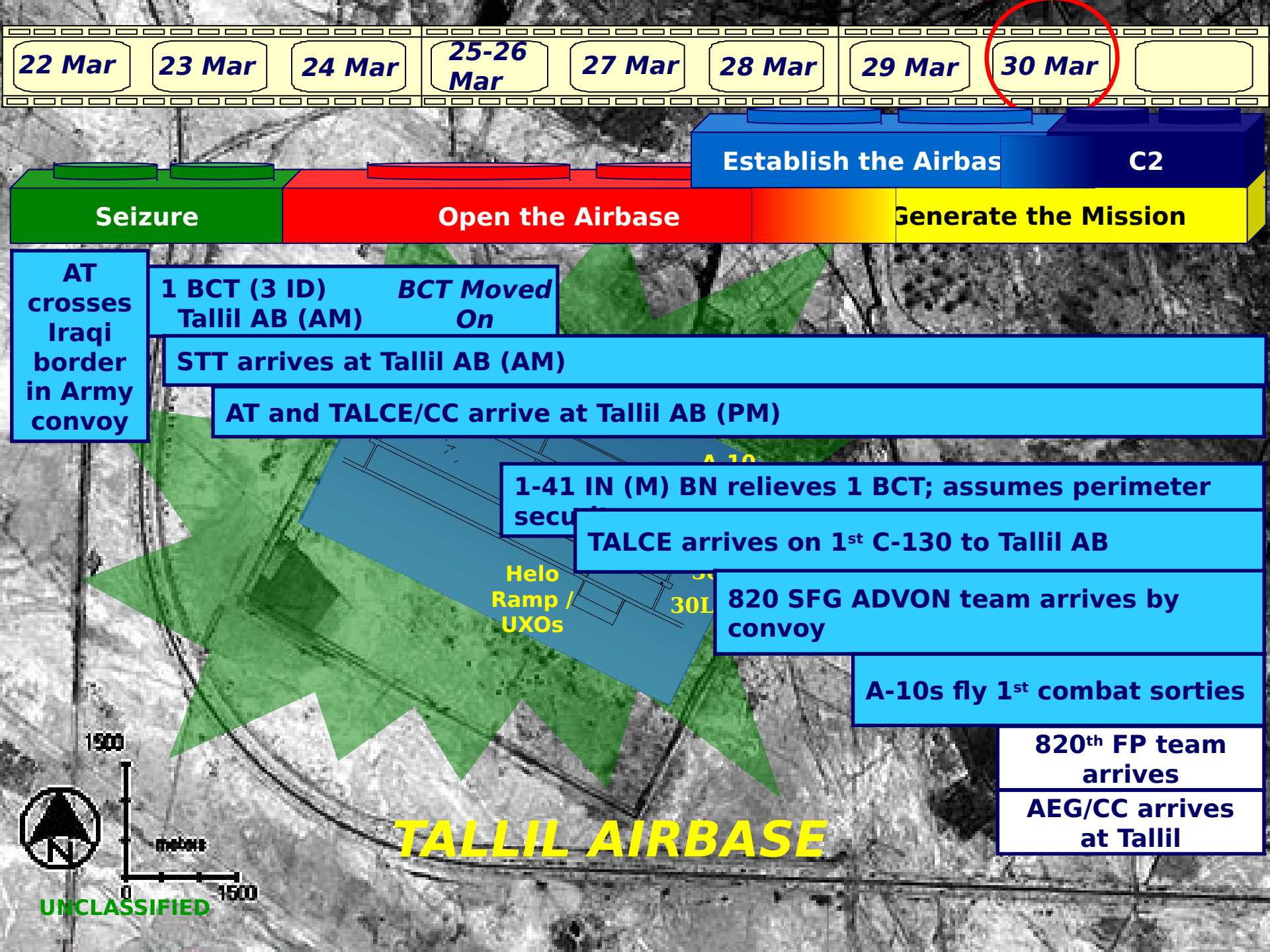
1500
UNCLASSIFIED


22 Mar
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25-26 Mar
27 Mar
28 Mar
29 Mar
30 Mar
Establish the Airbas
C2
Seizure
Open the Airbase
Generate the Mission
AT crosses Iraqi border in Army convoy
1 BCT (3 ID) Tallil AB (AM)
BCT Moved On
STT arrives at Tallil AB (AM)
AT and TALCE/CC arrive at Tallil AB (PM)
1-41 IN (M) BN relieves 1 BCT; assumes perimeter
TALCE arrives on 1st C-130 to Tallil AB
820 SFG ADVON team arrives by convoy
A-10s fly 1st combat sorties
820th FP team arrives
AEG/CC arrives at Tallil
Helo Ramp / UXOs
30L
TALLIL AIRBASE
1500
meters
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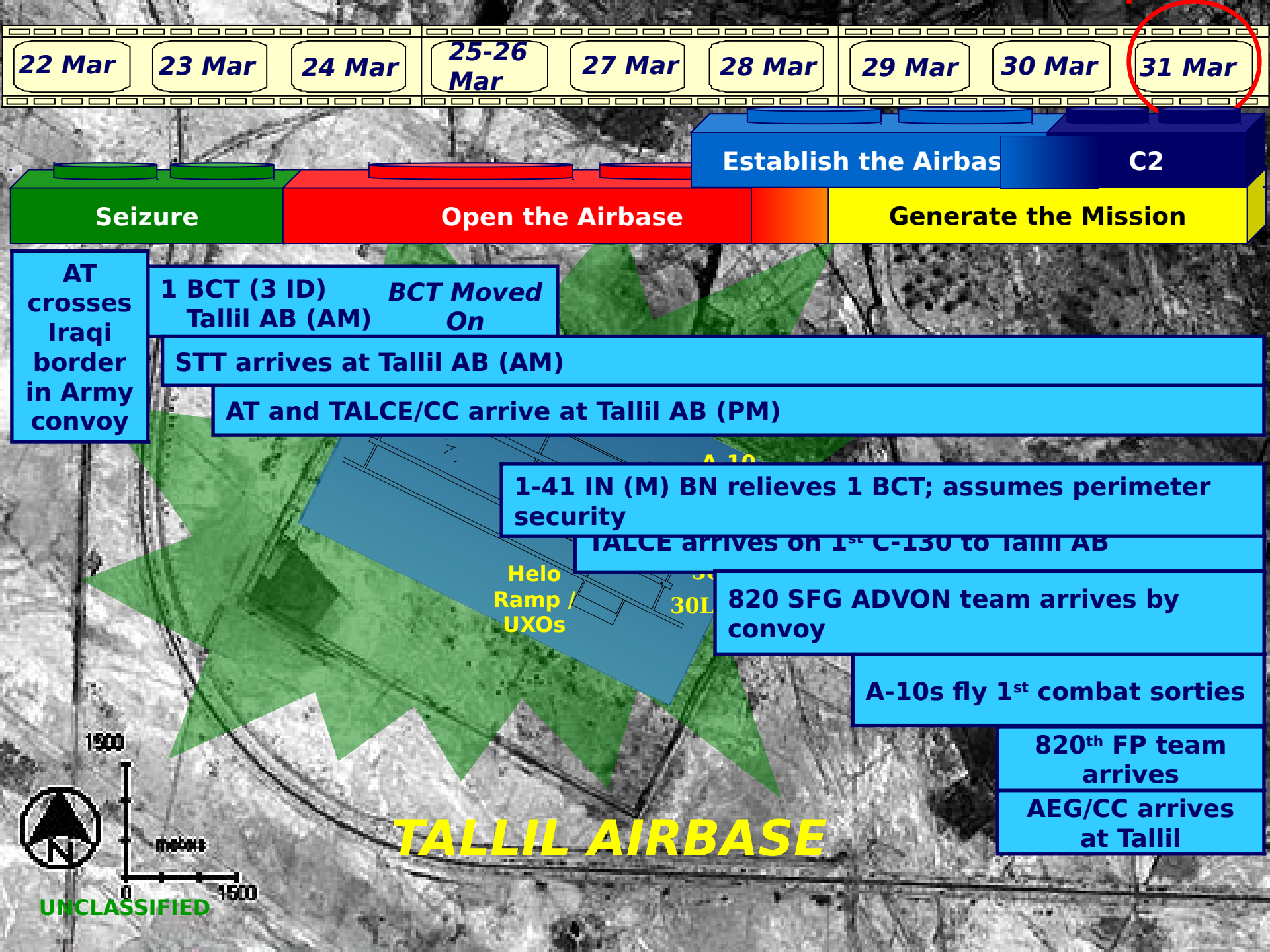
UNCLASSIFIED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Establish the Airbas
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30L
TALLIL AIRBASE
1500
meters
0
1500
UNCLASSIFIED

Joint Capability Areas: Planning Application

Establish an Operational Airbase

- **Tallil Airbase:**
  - **Tier I capabilities:**
    - **Joint Land Control Operations**
    - **Joint Air Control Operations**
    - **Joint Logistics**
  - **Tier II capabilities:**
    - **Offensive Land Operations**
    - **Airspace Control**
    - **Agile Sustainment**

Tier I Joint Capability Areas

- Joint Battlespace Awareness
- Joint Command and Control
- Joint Network Operation
- Joint Interagency Coordination
- Joint Public Affairs Operations
- Joint Information Operations
- Joint Protection
- **Joint Logistics**
- Joint Force Generation
- Joint Force Management
- Joint Homeland Defense
- Joint Strategic Deterrence
- Joint Shaping & Security Cooperation
- Joint Stability Operations
- Joint Civil Support
- Joint Non-Traditional Operations
- Joint Access & Access Denial Ops
- **Joint Land Control Operations**
- Joint Maritime/Littoral Control Op
- **Joint Air Control Operations**
- Joint Space Control Operations

Tier II Joint Capability Areas

- Joint Information Operations
  - OPSEC, Computer Network Ops (CND, CNA), PSYOP, Military Deception, Electronic Warfare
- Joint Protection
  - Protect Personnel & Physical Assets, Antiterrorism, Personnel Recovery, Noncombatant Evacuation Ops, Internally Displaced Persons Mgmt, Enemy Prisoner of War Mgmt, WMD Defense
- **Joint Logistics**
  - Joint Deployment/Rapid Distribution, **Agile Sustainment,** Operational Engineering, Multinational Logistics, Force Health Protection, Logistics Information Fusion, Joint Theater Logistics Management
- Joint Force Generation
  - Organizing, Training (Individual & Collective), Equipping, Education, Recruiting, Manpower, Administration, Infrastructure Management
- Joint Force Management
  - Global Posture, Command Relationships, Global Visibility, Global Force Management, Adaptive Planning, Mission Rehearsal

Tier II Joint Capability Areas

- Joint Non-Traditional Operations
  - Unconventional Warfare, Direct Action, Counterterrorism, Counterproliferation of WMD, Foreign Internal Defense, Special Recon
- Joint Access & Access-denial Operations
  - Operational Access, Forcible Entry, LOC Protection, Freedom of Navigation, Basing, Seabasing, Blockade, Quarantine
- Joint Land Control Operations
  - Offensive Land Ops, Defensive Land Ops, Retrograde Land Ops, Operational Mobility, Control Territory, Populations, and Resources
- Joint Maritime/Littoral Control Operations
  - Surface Warfare, Undersea Warfare, Maritime Interdiction Operations
- Joint Air Control Operations
  - OCA, DCA, SEAD, Strategic Attack, Theater Air & Missile Defense, Force & Supply Interdiction, Airspace Control
- Joint Space Control Operations
  - Offensive Counterspace Operations, Defensive Counterspace Operations

Establish an Operational Airbase

- **Tier III Capabilities (not defined):**
  - **Airfield Seizure (capabilities-based force modules)**
  - **Operational Airbase (capabilities-based force modules)**
  - **Logistics sustainment (capabilities-based force modules)**
- **Tier III Capability (Operational Airbase)**
  - **Tier IV (Capabilities-based force modules):**
    - **Open the Airbase**
    - **Establish the Airbase**
    - **Operate the Airbase**
    - **C2**
    - **Generate the Mission**

Definitions

- **Forcible entry (airfield seizure) – seize/hold a military lodgment in the face of armed opposition**
  - **Complex operation – schemes of maneuver need to be clearly understood by all participants**
  - **Normally joint ops and may include airborne, amphibious, and air assault operations**
  - **Follow-on forces need to be prepared to expand the operation, sustain the effort, and accomplish the mission**
  - **Rehearsals – a critical part of preparation for forcible entry**

Source: JP 1-02/JP 3-18

Definitions cont'd

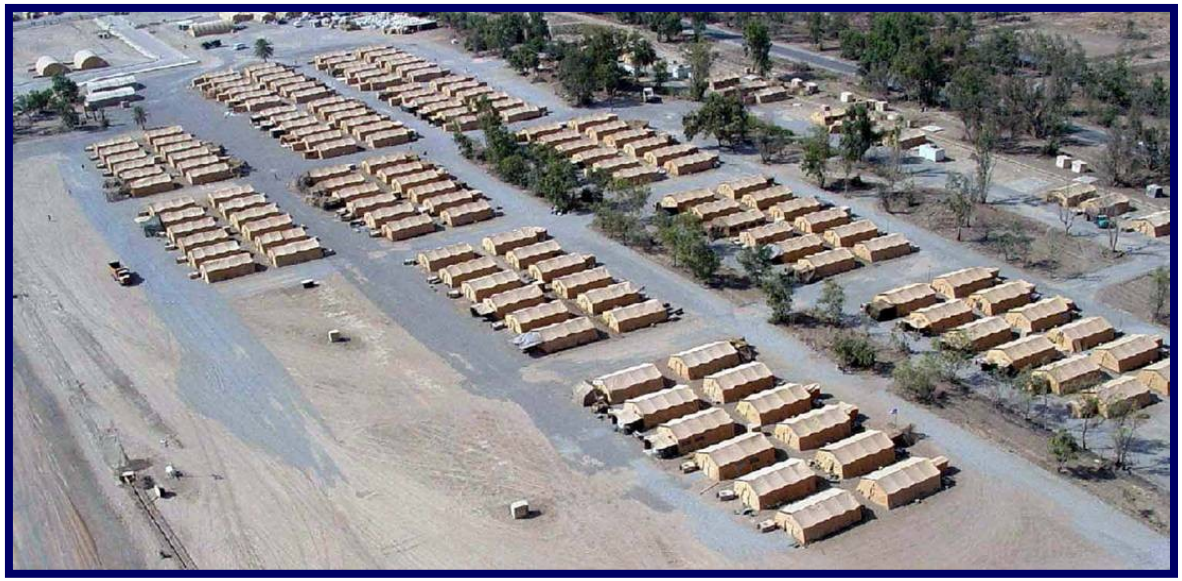
- **Airfield assessment – actions taken by AT to validate/determine suitability of an airfield for the Mobility and follow-on air missions**
  - **Accomplishes a pre-assessment before deployment**
    - **Obtains airfield info from site surveys, satellite imagery, previous operations, LOGCAT, GeoReach, etc**
  - **Conducts a physical investigation by deploying to airfield and validating pre-assessment info**
  - **Requires a trained 0-6 leader to interface with seizure/ground commanders**

Definitions cont'd

- **Airfield opening – defined in three phases**
  - **Phase I – Runway Open: Considered "opened" when the first mobility aircraft is authorized to land; the runway, taxiway, and sufficient ramp are available to support airlift operations**
  - **Phase II – Airfield Open: Considered "opened" when sufficient ramps, taxiways, and facilities are available to support operational missions**
  - **Phase III – Airbase Open: Considered "opened" when sufficient real estate has been secured to allow for the beddown of combat and combat support forces**

Definitions cont'd

- **Airfield establishment – an airfield is considered established when sufficient "Establish the Base" forces are present to support the arrival of the first mission aircraft**

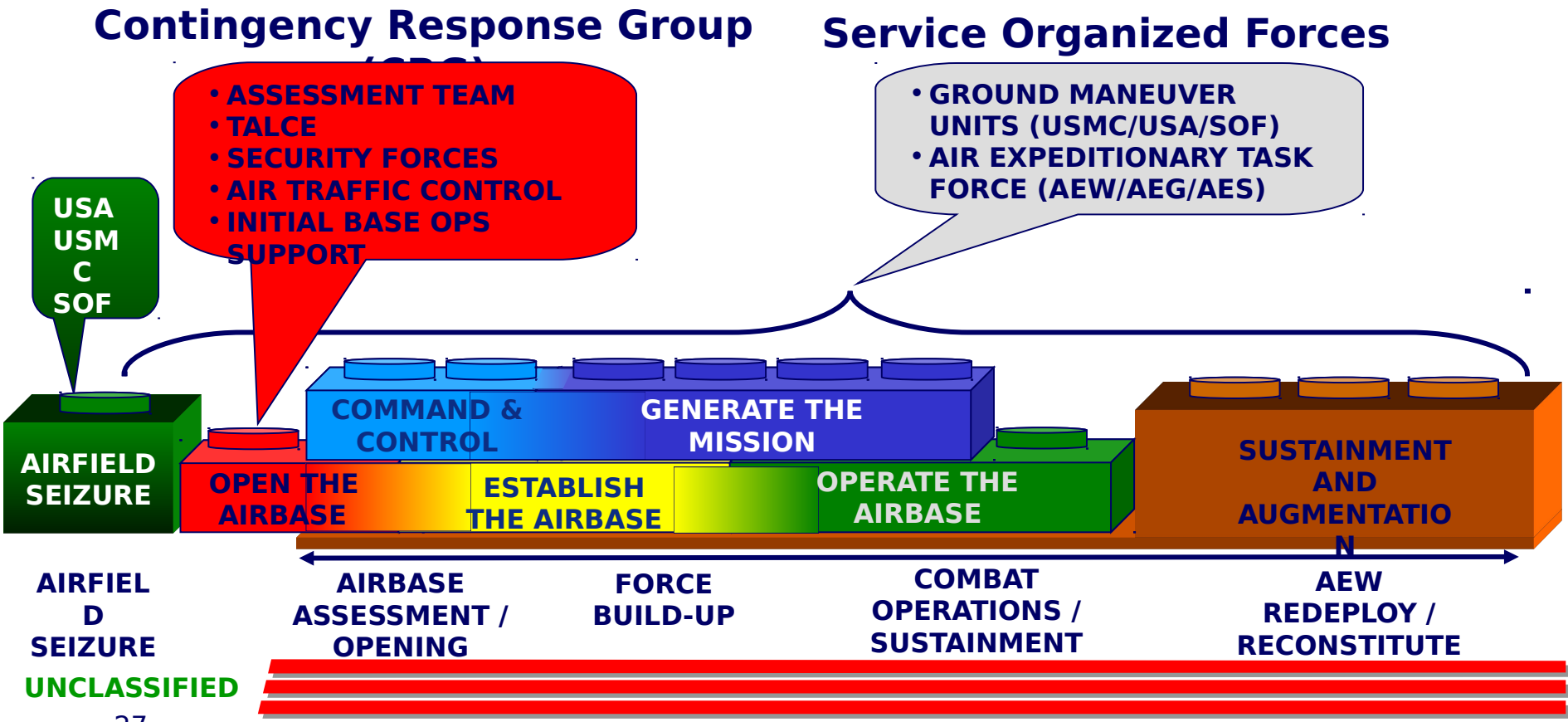


Definitions cont'd

- **Airfield operational – the airfield is considered operational when sufficient "C2, Establish the Base and Generate the Mission" forces are available to fly operational missions (Generate the Mission)**

The Desired Effect

- **Seamless process from airfield seizure to mission sustainment**
- **Capabilities-based force modules deployed as combat capabilities for the warfighter**



Capability-Based Force Modules

Sample COA Capability Modules

Airbase Opening, Establishment, and Air Operations
- **1.01 F - Base Opening Airfield A**
- **1.02 F - Command Elements (Air Expeditionary HQ) Airfield A**
- **1.05 F - Base Operating Support and Sustainment Airfield A**
- **1.10 F - Base Opening Airfield B**
- **1.11 F - Command Elements (Air Expeditionary HQ) Airfield B**
- **1.12 F - Base Operating Support and Sustainment Airfield B**
- **1.14 F - Base Opening Airfield C**
- **2.08 F - Command Elements (Air Expeditionary HQ) Airfield C**
- **2.09 F - Base Operating Support and Sustainment Airfield C**

Sea Port Opening, Establishment, and Operations
- **1.06 N - Port Opening Package for Port A**
- **1.07 N - Port Security for Port A**
- **1.08 N - Terminal Support and Operations for Port A**

Intratheater Air Bridge
- **1.03 F - Cargo/Transport Aircraft**
- **1.04 F - Air Refueling Aircraft**

Peace Operations Force HQs and C4I
- **3.03 M - JFLCC FWD**

Support to Joint and/or Multinational RSOI
- **3.01 A - Area Support Group**
- **3.02 A - Movement Control (MCT, MP)**
- **3.09 A - GS QM Supply**
- **3.10 A - Ammo Handling**
- **3.11 A - Field Services**

Peace Operations Coalition Enablers
- **3.12 AS - SF Company (SFOD-As, SFOD-B)**
- **3.13 AN – NSWTG**

Coastal-Littoral and Inland Waterway Patrol Forces
- **3.28 N - SBU (RHIB)**

Joint Aerial Reconnaissance and Air Patrol
- **1.09 N - P3 Aircraft**
- **2.17 M - VMU UAV (Pioneer)**

Joint Land Operations Sustainment
- **3.14 A - Trans Bn**
- **3.15 A - Cbt Spt Hosp**
- **3.16 A - Engineer**
- **3.35 M - FSSG (-)**
- **3.36 A - Field Services**
- **3.37 A - DS QM Supply**
- **3.38 A - Military Police**
- **3.39 A - Maintenance**

Aerial Peace Enforcement Combat Patrol
- **3.21 M - MEU ACE (Rotary and Fixed Wing)**

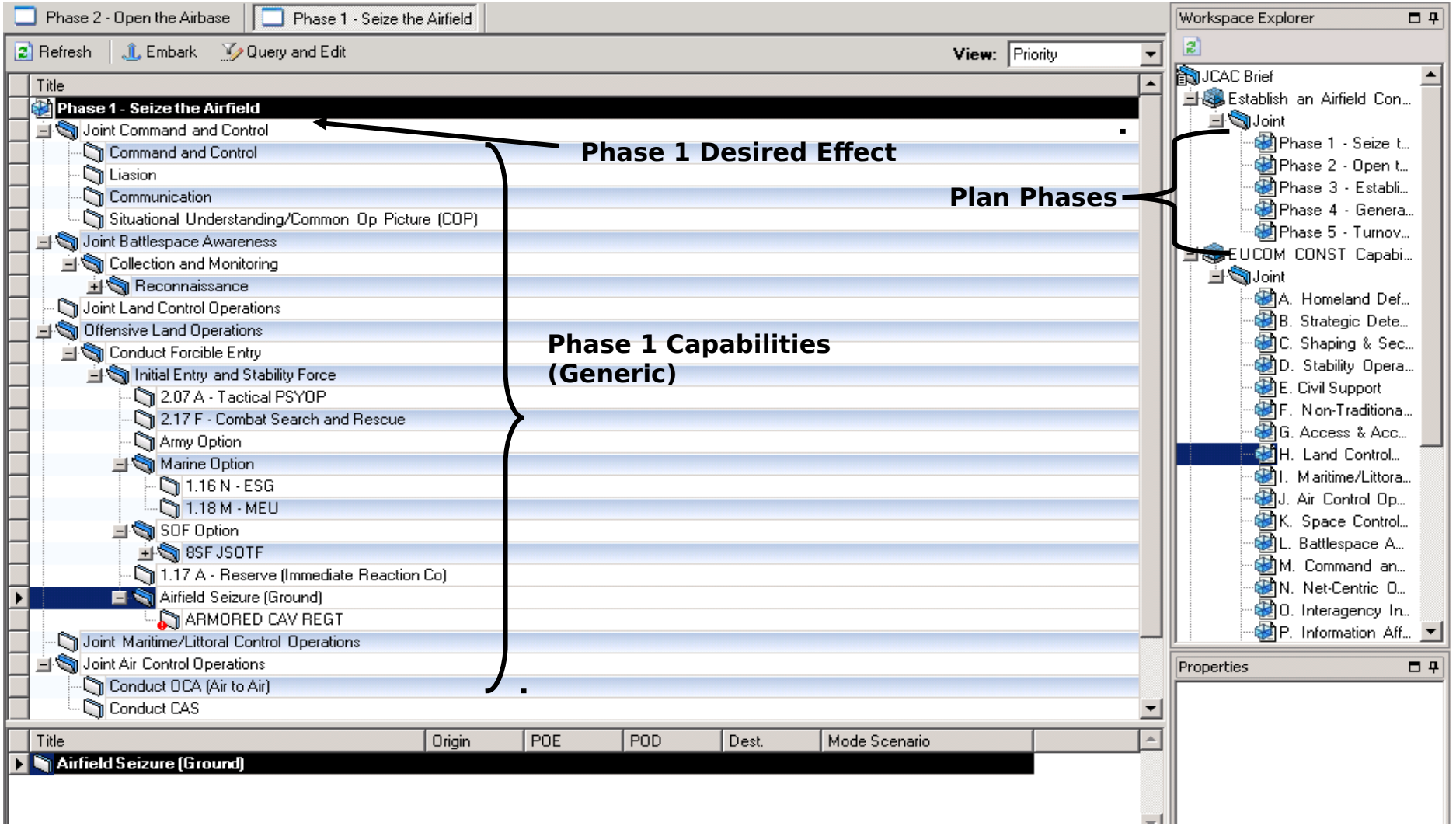
Initial Entry and Stability Forces
- **1.16 N - ESG**
- **1.17 A - Reserve (Immediate Reaction Co)**
- **1.18 M - MEU**
- **2.07 A - Tactical PSYOP**
- **2.17 F - Combat Search and Rescue**

Civil Military and Humanitarian Operations
- **3.29 AS - CMOC (CAPT-B)**
- **3.30 AS - Tactical CA (CAT-A)**

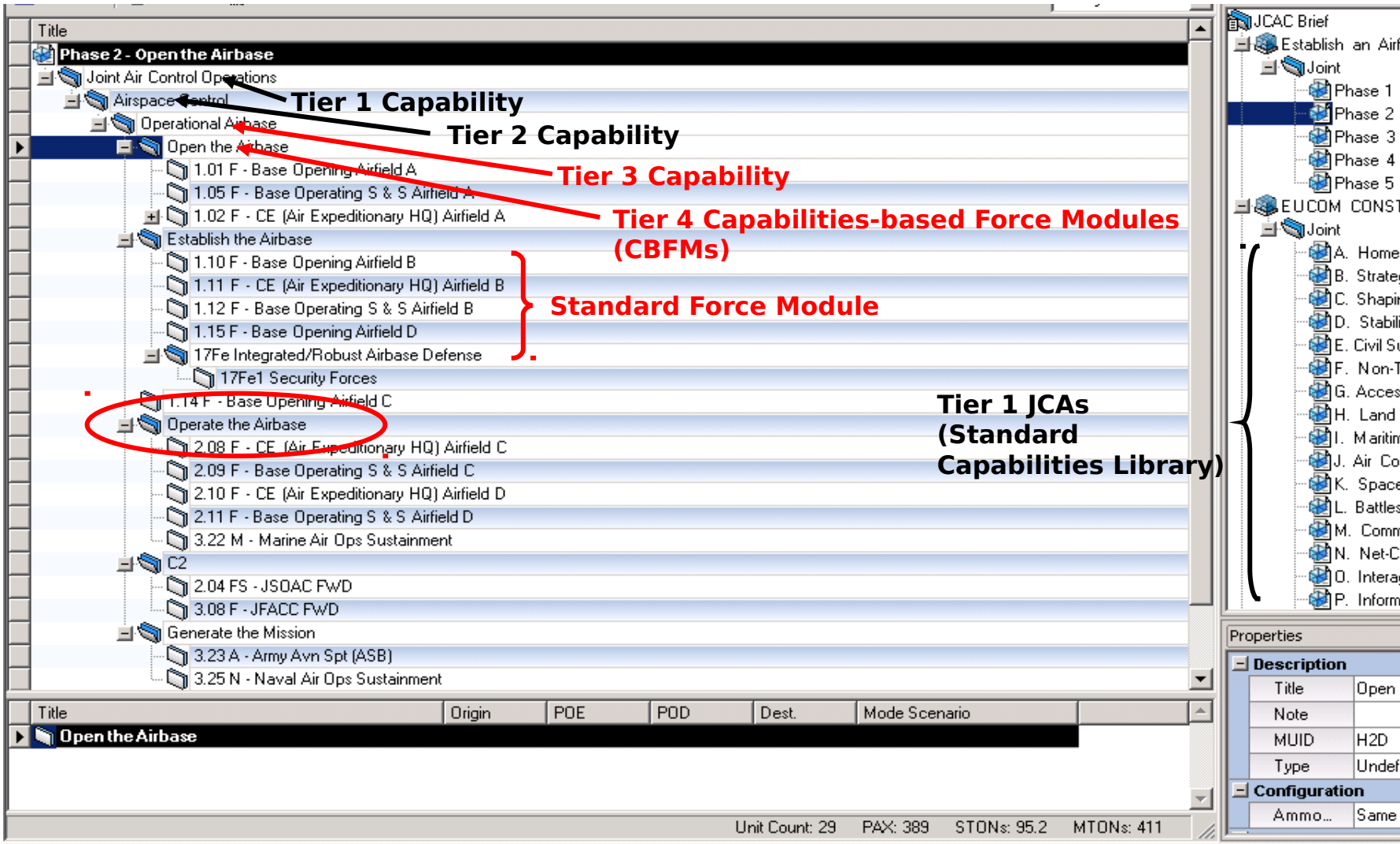
Special Operations Direct Action (Reserve)
- **2.01 AS – CT Assault and Reconnaissance Force**
- **2.02 FS - Special Operations Avn Group**
- **2.05 NS - Naval Special Operations Task Group**
- **3.18 AS - SF UW Force (SF BN)**

HN Security Sector Reform (FID)
- **4.03 AS - SF FID Force (SF BN)**

CFAST Phase 1: Seize the Airfield



CFAST Phase 2: Open the Airbase



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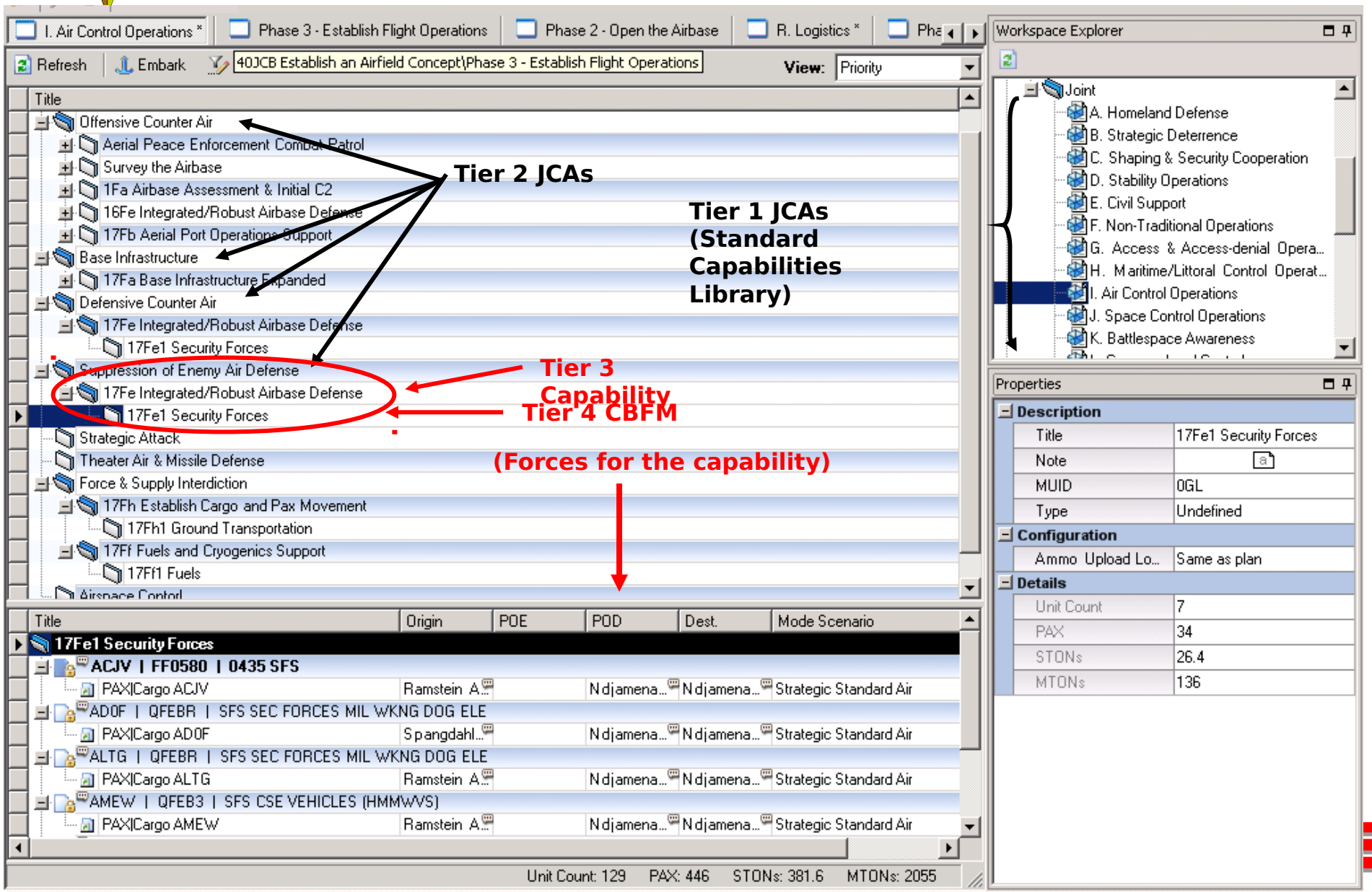
CFAST Joint Capabilities Library



Way Ahead

The Force Module Vision

- **Once developed, "Force Modules" will provide a menu of force packages, which serve as the foundation for capabilities-based planning across the range of military operations. The packages will support DoD in joint operations planning, joint force development, capability readiness reporting, experimentation, joint training and education, capabilities description, and lessons learned.**

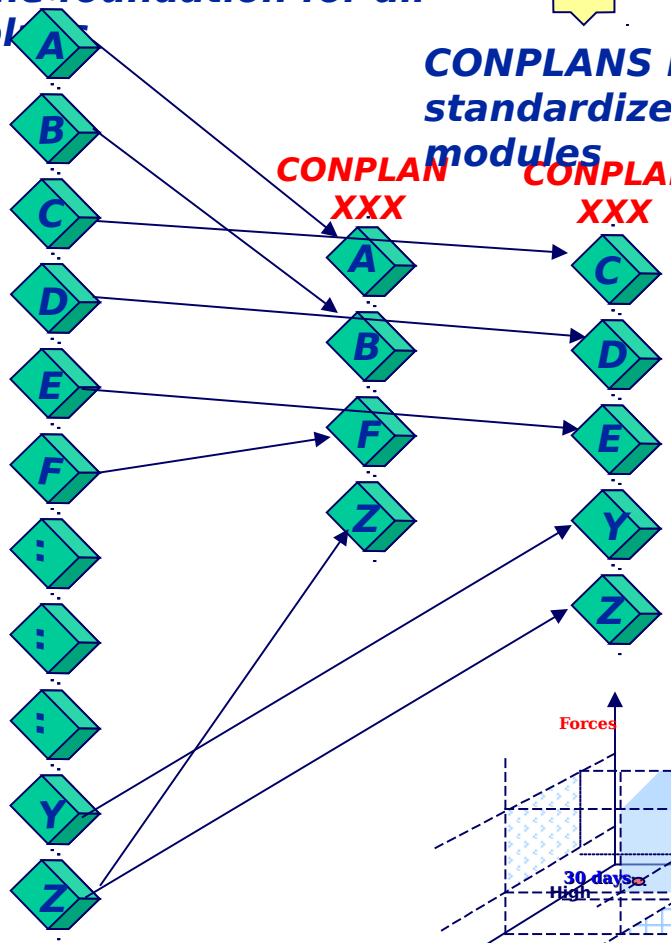
Desired Endstate

1

Standardized Force Modules to be used as the foundation for all pl

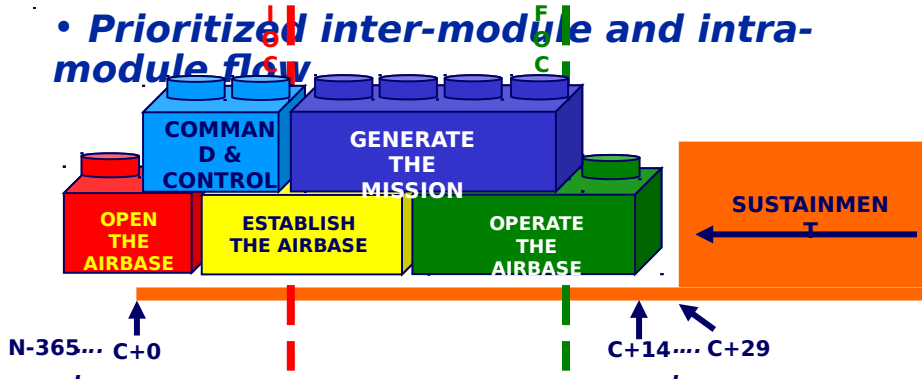
2

CONPLANS based on standardized modules



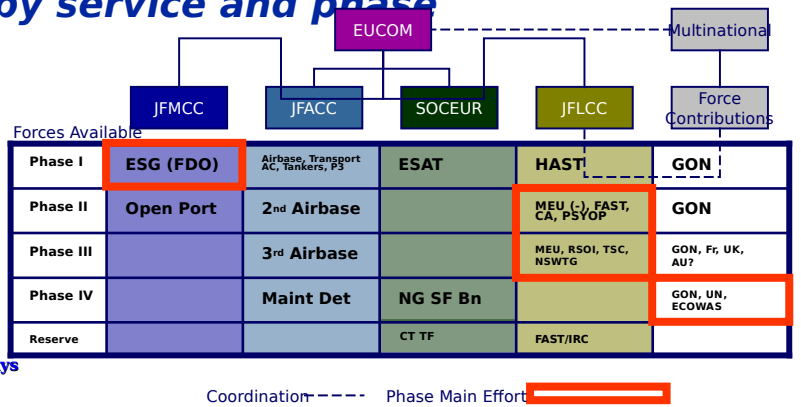
3

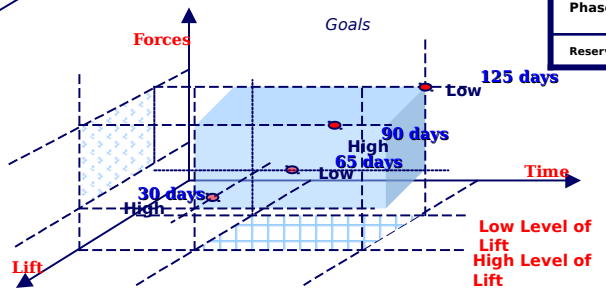
- **Force flow based on capability requirements**
- **Prioritized inter-module and intra-module flow**



4

- **Good display of plan capabilities by service and phase**





5

- **Demonstrate gross transportation feasibility best and worst case**

Global Visibility Capability

- **The ability to achieve a current, unobstructed, worldwide view of force or capability inventory, as well as force or capability commitment, availability, and readiness and readily discern changes in that status**
- **The ability to identify capabilities linked to mission requirements in a common language with assigned attributes and workload factors as appropriate**
- **The ability of the supported commander to link planning or execution mission requirements to a standard capability definition**
- **The ability of the Services to measure and report readiness of the capabilities or "capability packets" in terms of the forces ability to perform the identified capabilities**

Questions?

Back-up Slides

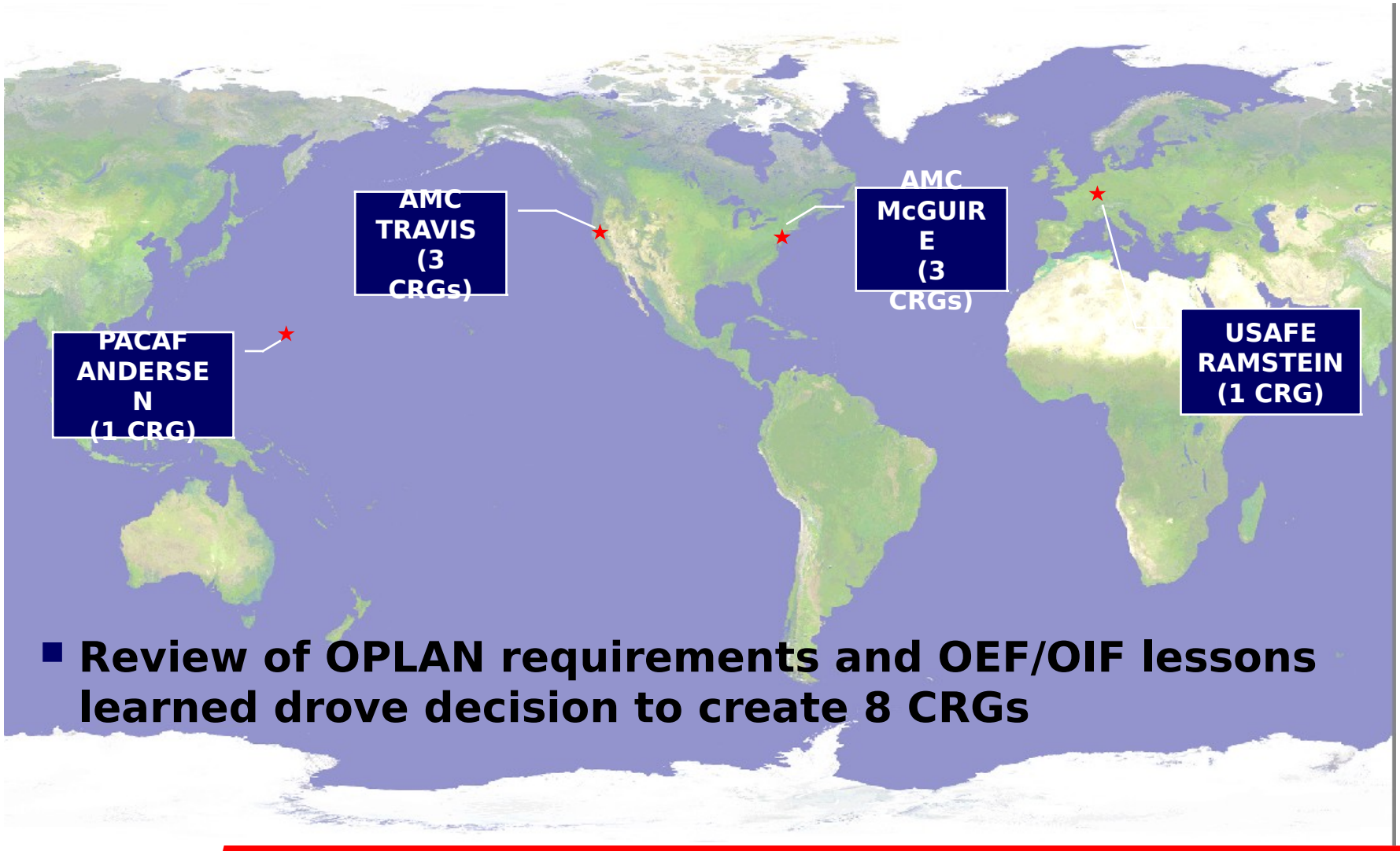
What is a CRG?

CRG Core
113 Personnel

- *Assessment Team 8*
- *ATC (Controllers) 6*
- *ATC (NAVAIDS) 3*
- *TALCE 47*
- *Security Forces 31*
- *Fuels 1*
- *Comm/Info 3*
- *OSI 1*
- *Intel 4*
- *Gnd Trans 2*

- **Airfield Assessment**
- **Air Traffic Control**
- **Airfield Operations**
- **Command And Control**
- **Force Protection/Airfield Security**
- **Communications**
- **Logistics (Supply, Fuels, Cargo/Pax Handling, Ground Transportation)**
- **Reception/Beddown Of Follow-On Forces**
- **(Augment as Required)**

CRG Locations



- Review of OPLAN requirements and OEF/OIF lessons learned drove decision to create 8 CRGs